

State Injury Profile for Missouri

About the State Injury Profiles...

Following this introduction you will find the injury profile for your state and the nation. The maps and tables contain information on injury deaths and death rates; however, it is important to remember that hundreds of thousands of Americans are nonfatally injured each year, many of whom suffer permanent disabilities. Your state injury profile includes:

- The 10 leading causes of death by age group for your state and the nation. These charts contain the total number of deaths for the three-year period 1995 through 1997. The summary table at the bottom of each page shows the total number of injuries across all ages for the same three-year period and the average number of deaths per year.
- The tables on the next page show the number of deaths for your state and the nation for the leading causes of injury death (separated by the type of injury—unintentional, suicide, and homicide) for the same three-year period.
- The next pages contain U.S. maps indicating the death rate per 100,000 persons for all states over a three-year period (1995-1997) for the leading causes of injury death. Beneath each map is a graph showing the death rate over a 10-year period (1988-1997). These maps and graphs will allow you to compare death rates for your state to other states and understand the 10-year trend in your state compared to the U.S. trend.
- The last two maps in the Profile give death-rate data and 10-year trends for two of the most frequent and disabling types of injury-related deaths: traumatic brain injury-related deaths, which can be caused by falls, firearms, motor-vehicle crashes, or other causes; and firearm-related deaths, unintentional or the result of homicide or suicide.

This State Injury Profile 2000 is presented as an appendix to the Centers for Disease Control and Prevention (CDC) Injury Fact Book, *Working to Prevent and Control Injury in the United States*. The Fact Book contains information regarding the cost of injury and the value of prevention, the work of CDC's National Center for Injury Prevention and Control, and the Safe USA Partnership Council. The Fact Book also contains fact sheets for many of the leading causes of injury death. Additional information can also be obtained from—

- The CDC National Center for Injury Prevention and Control web site: <http://www.cdc.gov/ncipc/>
- The CDC National Center for Injury Prevention and Control, Office of Planning, Evaluation, and Legislation: 770-488-4936
- Safe USA web site: <http://www.cdc.gov/safe/>
- Safe USA toll-free number: 1-888-252-7751

United States

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 19,113	Unintentional Injuries 6,432	Unintentional Injuries 4,734	Unintentional Injuries 5,614	Unintentional Injuries 41,018	Unintentional Injuries 38,858	Malignant Neoplasms 51,258	Malignant Neoplasms 134,242	Malignant Neoplasms 261,040	Heart Disease 1,834,538	Heart Disease 2,197,898
2	Short Gestation 11,760	Congenital Anomalies 1,922	Malignant Neoplasms 1,593	Malignant Neoplasms 1,491	Homicide 19,978	HIV 23,935	Unintentional Injuries 43,023	Heart Disease 104,809	Heart Disease 201,533	Malignant Neoplasms 1,147,043	Malignant Neoplasms 1,617,565
3	SIDS 9,438	Malignant Neoplasms 1,350	Congenital Anomalies 706	Homicide 1,023	Suicide 13,328	Suicide 17,825	Heart Disease 40,047	Unintentional Injuries 29,523	Bronchitis Emphysema Asthma 30,143	Cerebro-vascular 419,616	Cerebro-vascular 477,724
4	Respiratory Distress Synd. 4,117	Homicide 1,247	Homicide 510	Suicide 931	Malignant Neoplasms 4,919	Homicide 16,665	HIV 39,570	HIV 17,951	Cerebro-vascular 29,087	Bronchitis Emphysema Asthma 274,359	Bronchitis Emphysema Asthma 317,955
5	Maternal Complications 3,802	Heart Disease 680	Heart Disease 387	Congenital Anomalies 647	Heart Disease 3,106	Malignant Neoplasms 14,327	Suicide 19,938	Cerebro-vascular 16,960	Diabetes 24,987	Pneumonia & Influenza 226,837	Unintentional Injuries 283,912
6	Placenta Cord Membranes 2,871	Pneumonia & Influenza 504	HIV 288	Heart Disease 554	HIV 1,318	Heart Disease 10,097	Homicide 11,689	Liver Disease 16,300	Unintentional Injuries 20,719	Diabetes 138,117	Pneumonia & Influenza 253,099
7	Unintentional Injuries 2,356	HIV 411	Pneumonia & Influenza 221	Bronchitis Emphysema Asthma 294	Congenital Anomalies 1,254	Cerebro-vascular 2,118	Liver Disease 10,853	Suicide 14,317	Liver Disease 15,921	Unintentional Injuries 91,315	Diabetes 183,657
8	Perinatal Infections 2,321	Septicemia 236	Bronchitis Emphysema Asthma 143	Pneumonia & Influenza 184	Bronchitis Emphysema Asthma 684	Diabetes 1,881	Cerebro-vascular 8,281	Diabetes 12,589	Pneumonia & Influenza 10,830	Alzheimer's Disease 63,461	Suicide 92,722
9	Pneumonia & Influenza 1,409	Perinatal Period 222	Benign Neoplasms 132	HIV 180	Pneumonia & Influenza 630	Pneumonia & Influenza 1,724	Diabetes 5,581	Bronchitis Emphysema Asthma 8,395	Suicide 8,675	Nephritis 62,838	HIV 90,761
10	Intrauterine Hypoxia 1,355	Benign Neoplasms 189	Anemias 98	Cerebro-vascular 135	Cerebro-vascular 527	Liver Disease 1,690	Pneumonia & Influenza 4,335	Pneumonia & Influenza 6,405	Septicemia 5,350	Septicemia 52,315	Liver Disease 75,444

United States Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	283,912	64.5%
Intentional	156,434	35.5%
Total (1995-1997)	440,346	100.0%

Average Number of Injury Deaths per Year
In the United States = **146,782**

Missouri

10 Leading Causes of Deaths by Age Group: 1995-1997

Rank	Age Groups										Total
	<1	1-4	5-9	10-14	15-24	25-34	35-44	45-54	55-64	65+	
1	Congenital Anomalies 389	Unintentional Injuries 153	Unintentional Injuries 103	Unintentional Injuries 150	Unintentional Injuries 1,102	Unintentional Injuries 885	Malignant Neoplasms 1,110	Malignant Neoplasms 2,935	Malignant Neoplasms 5,950	Heart Disease 46,457	Heart Disease 55,064
2	SIDS 245	Congenital Anomalies 34	Malignant Neoplasms 30	Homicide 25	Homicide 410	Suicide 424	Heart Disease 991	Heart Disease 2,415	Heart Disease 4,803	Malignant Neoplasms 25,737	Malignant Neoplasms 36,201
3	Short Gestation 230	Homicide 28	Congenital Anomalies 18	Malignant Neoplasms 24	Suicide 330	Homicide 334	Unintentional Injuries 936	Unintentional Injuries 659	Bronchitis Emphysema Asthma 770	Cerebro-vascular 10,112	Cerebro-vascular 11,371
4	Maternal Complications 77	Malignant Neoplasms 17	Homicide 13	Suicide 24	Malignant Neoplasms 106	HIV 308	Suicide 471	Cerebro-vascular 346	Cerebro-vascular 671	Bronchitis Emphysema Asthma 6,463	Bronchitis Emphysema Asthma 7,537
5	Respiratory Distress Synd. 75	Pneumonia & Influenza 8	Heart Disease 9	Congenital Anomalies 16	Heart Disease 74	Malignant Neoplasms 285	HIV 388	Suicide 301	Unintentional Injuries 506	Pneumonia & Influenza 6,057	Unintentional Injuries 7,090
6	Placenta Cord Membranes 56	Benign Neoplasms 7	Pneumonia & Influenza 8	Bronchitis Emphysema Asthma 14	Congenital Anomalies 31	Heart Disease 259	Homicide 270	Liver Disease 232	Diabetes 473	Diabetes 2,938	Pneumonia & Influenza 6,617
7	Unintentional Injuries 46	Heart Disease 7	Bronchitis Emphysema Asthma 5	Heart Disease 13	Bronchitis Emphysema Asthma 20	Cerebro-vascular 44	Cerebro-vascular 160	Diabetes 231	Liver Disease 252	Unintentional Injuries 2,547	Diabetes 3,818
8	Perinatal Infections 38	Cerebro-vascular 4	Septicemia 4	Benign Neoplasms 4	HIV 17	Diabetes 41	Liver Disease 159	Bronchitis Emphysema Asthma 209	Pneumonia & Influenza 246	Nephritis 1,778	Suicide 2,191
9	Homicide 26	Meningitis 4	4 Tied	Anemias 3	Pneumonia & Influenza 14	Pneumonia & Influenza 38	Diabetes 127	HIV 170	Suicide 205	Alzheimer's Disease 1,365	Nephritis 2,000
10	Intrauterine Hypoxia 24	Meningo-coccal 4	4 Tied	2 Tied	Cerebro-vascular 11	Liver Disease 27	Pneumonia & Influenza 92	Pneumonia & Influenza 134	Septicemia 135	Septicemia 1,244	Septicemia 1,535

Missouri Total Number of Injury Deaths

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Unintentional Injury	7,090	66.5%
Intentional Injury	3,567	33.5%
Total (1995-1997)	10,657	100.0%

Average Number of Injury Deaths per Year
In Missouri = **3,552**

1995-1997 Leading Causes of Death

Unintentional Injury

United States Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	127,193	44.8%
Fall	33,633	11.8%
Poisoning	28,745	10.1%
Suffocation	12,987	4.6%
Drowning	12,360	4.4%
Fire/Burn	11,304	4.0%
Other Causes	57,690	20.3%
	283,912	100.0%

Missouri Only Unintentional Injury

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
MV Traffic	3,318	46.8%
Fall	836	11.8%
Poisoning	430	6.1%
Suffocation	345	4.9%
Fire/Burn	314	4.4%
Other Causes	1,847	26.1%
	7,090	100.1%

Intentional Injury

United States Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	54,235	58.5%
Suffocation	15,960	17.2%
Poisoning	15,355	16.6%
Other Causes	7,172	7.7%
	92,722	100.0%

Missouri Only Suicide

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	1,397	63.8%
Poisoning	387	17.7%
Suffocation	295	13.5%
Other Causes	112	5.1%
	2,191	100.1%

United States Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	43,684	68.6%
Cut/Pierce	7,647	12.0%
Suffocation	2,327	3.7%
Other Causes	10,054	15.8%
	63,712	100.0%

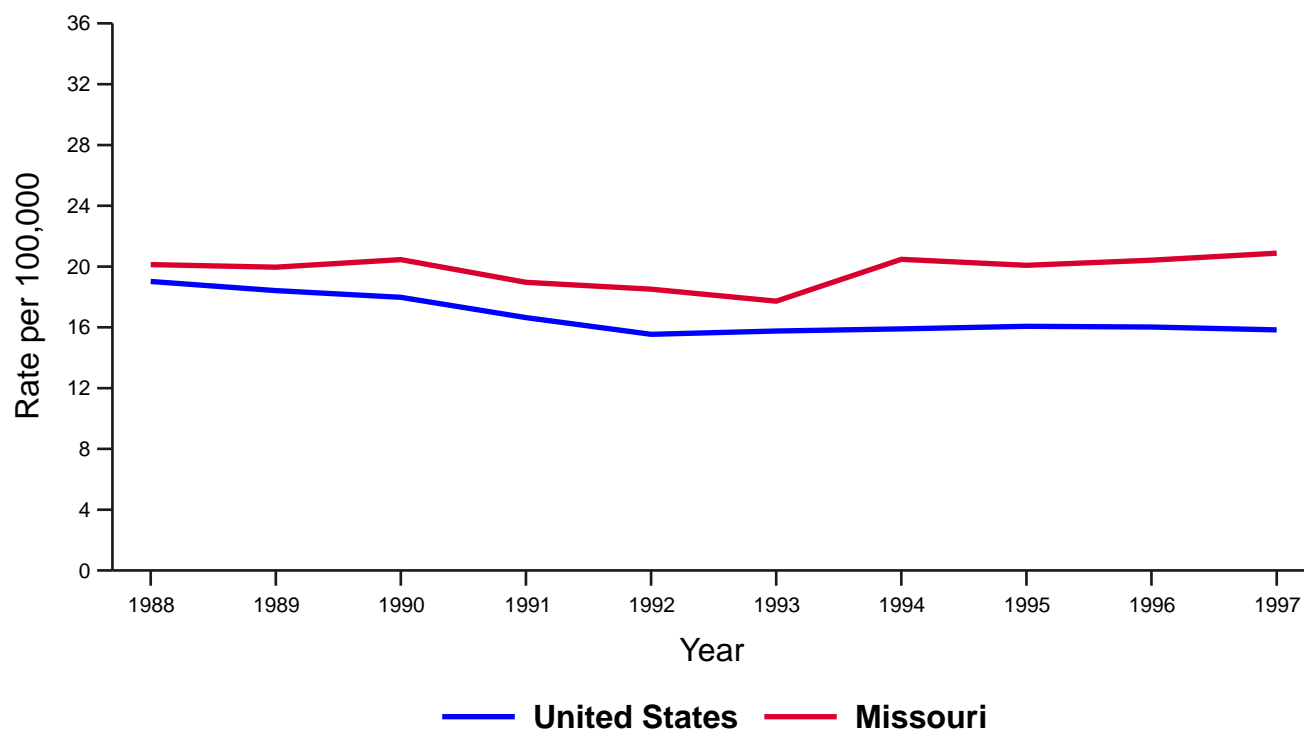
Missouri Only Homicide and Legal Intervention

<u>Cause</u>	<u>Deaths</u>	<u>Percent</u>
Firearm	957	69.5%
Cut/Pierce	167	12.1%
Suffocation	54	3.9%
Other Causes	198	14.4%
	1,376	99.9%

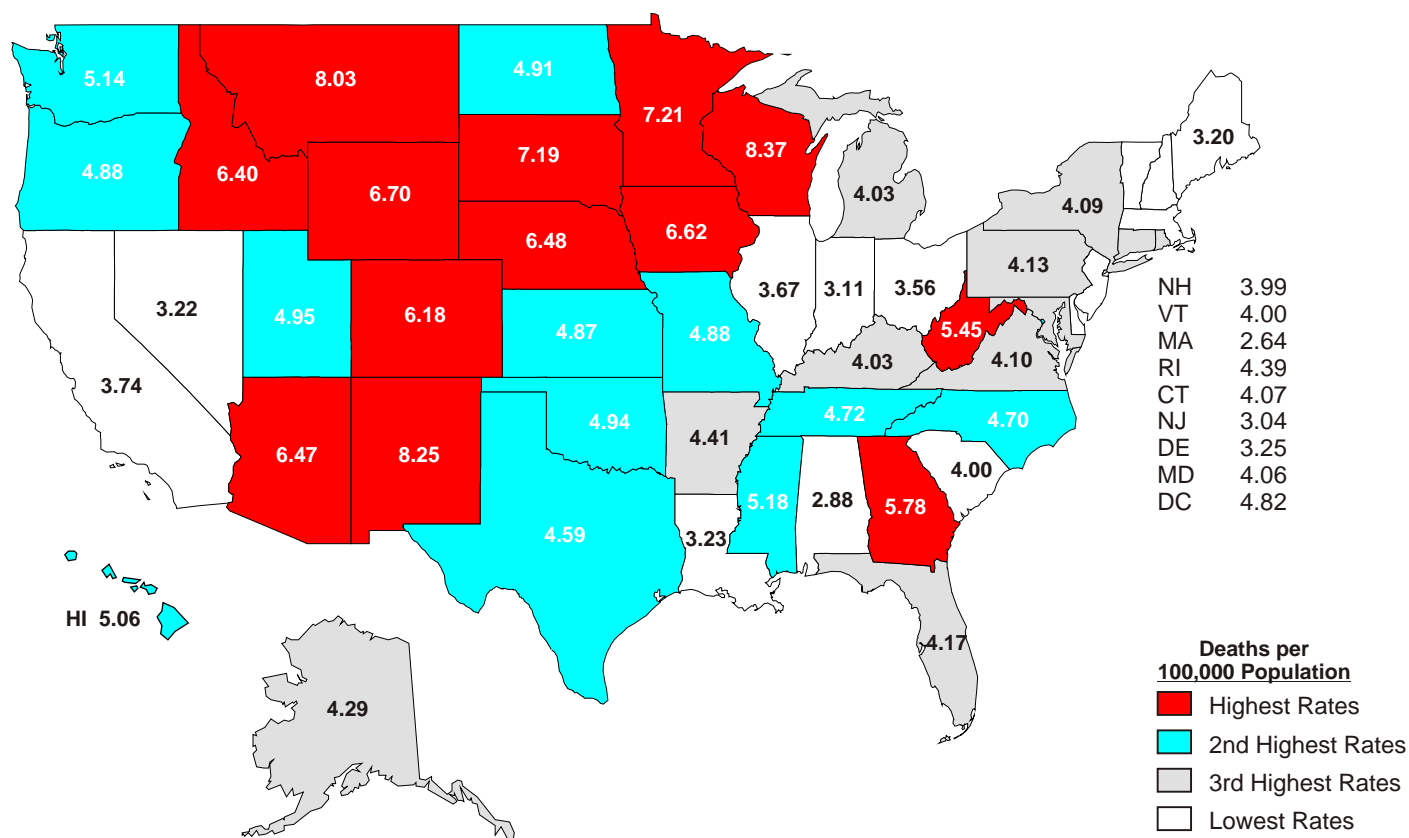
Unintentional Motor Vehicle, Traffic-Related Death Rates United States, 1995-1997



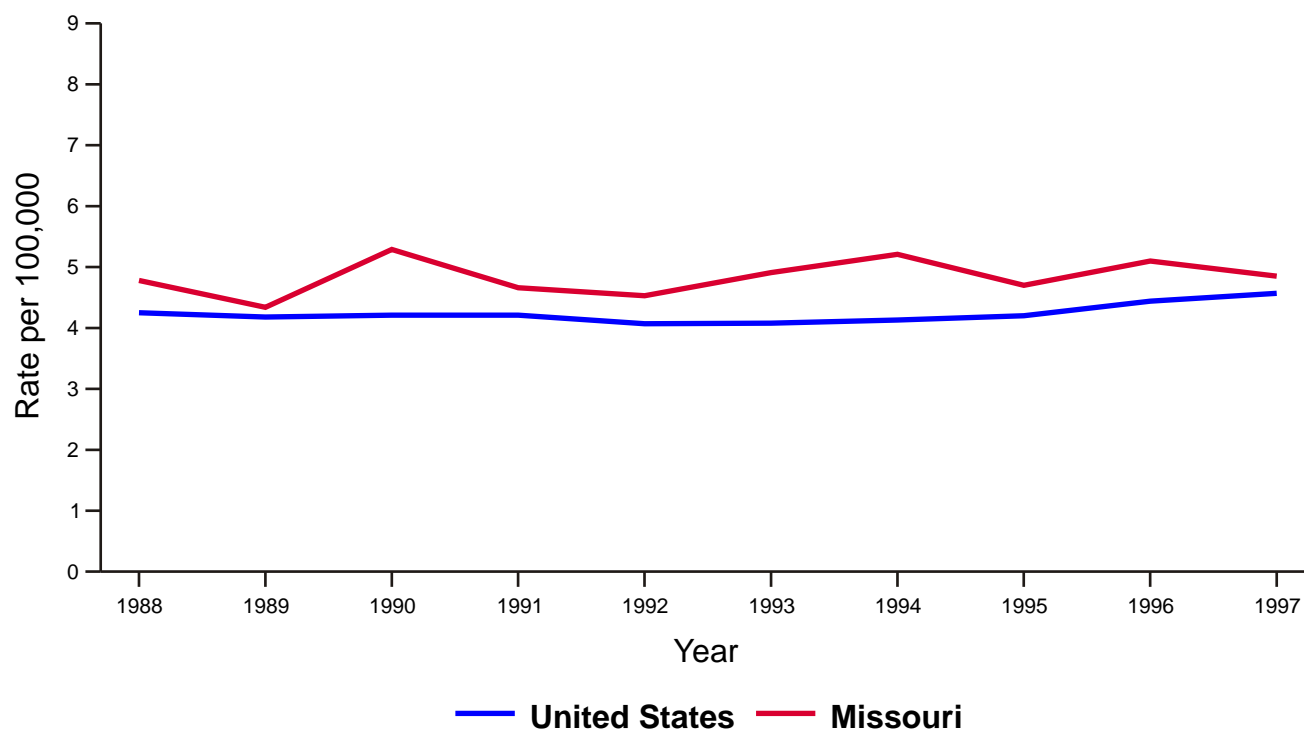
United States and Missouri 1988-1997



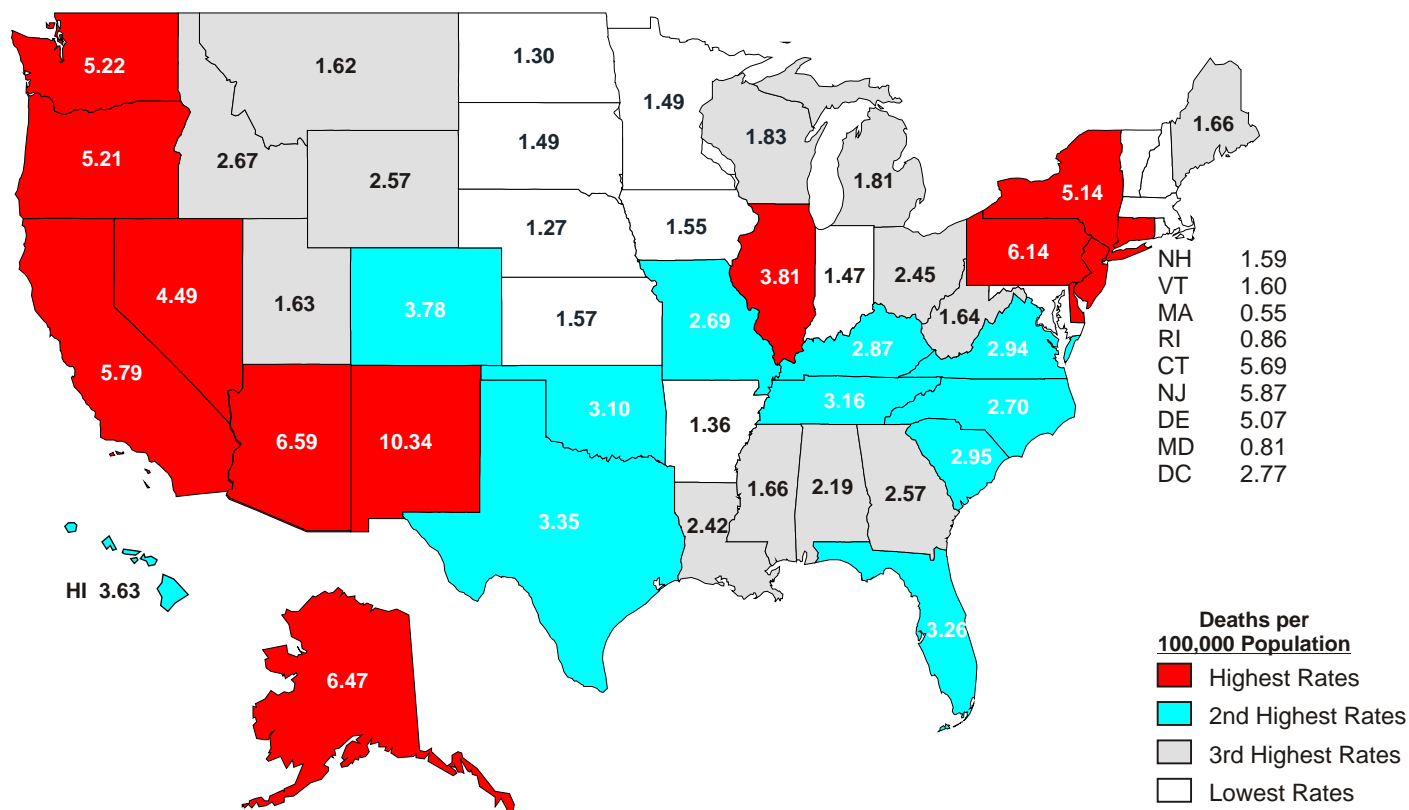
Unintentional Fall Death Rates United States, 1995-1997



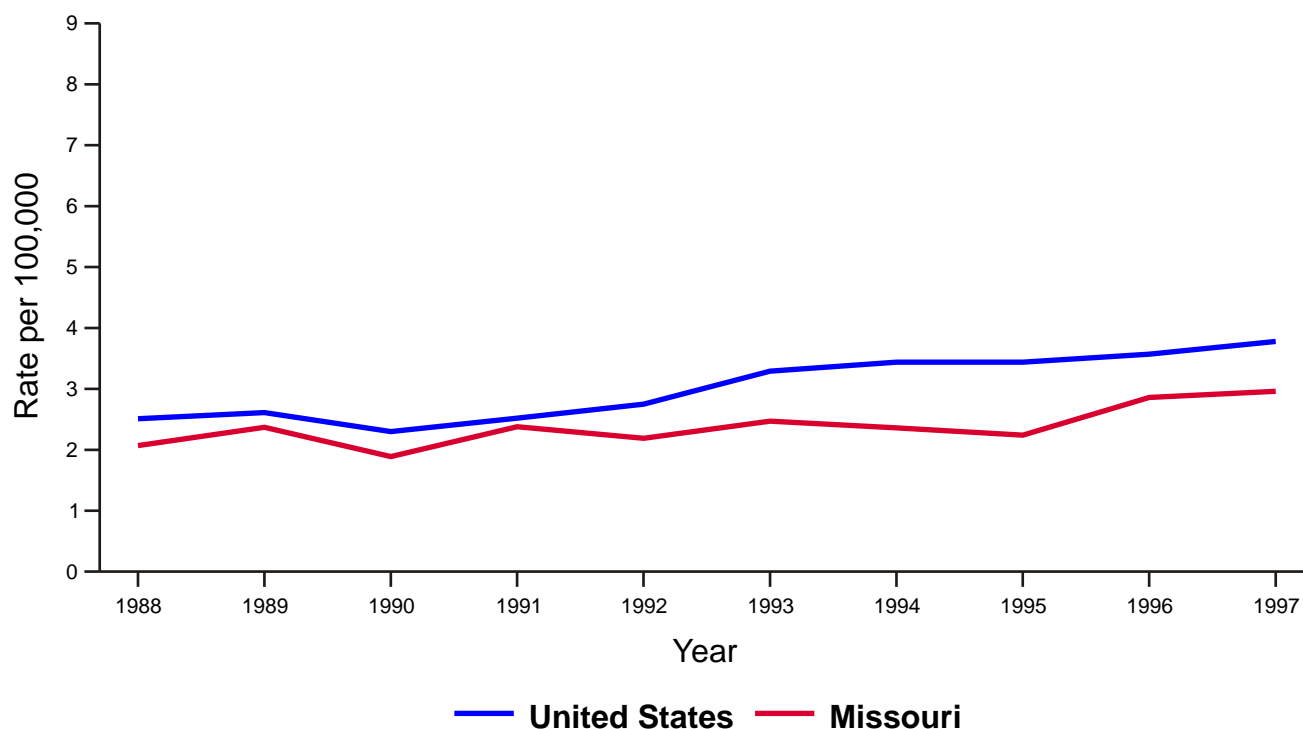
United States and Missouri 1988-1997



Unintentional Poisoning Death Rates United States, 1995-1997



United States and Missouri 1988-1997



Deaths per 100,000 Population

- Highest Rates
- 2nd Highest Rates
- 3rd Highest Rates
- Lowest Rates

State	Rate
NH	1.53
VT	1.67
MA	1.36
RI	1.29
CT	1.64
NJ	1.33
DE	1.78
MD	1.77
DC	2.96

Year	United States	Missouri
1988	2.1	2.4
1989	1.9	2.2
1990	1.7	1.7
1991	1.7	2.0
1992	1.6	2.0
1993	1.6	1.9
1994	1.6	1.9
1995	1.6	2.1
1996	1.6	1.9
1997	1.6	2.0

Deaths per 100,000 Popul

- Highest
- 2nd High
- 3rd High
- Lowest

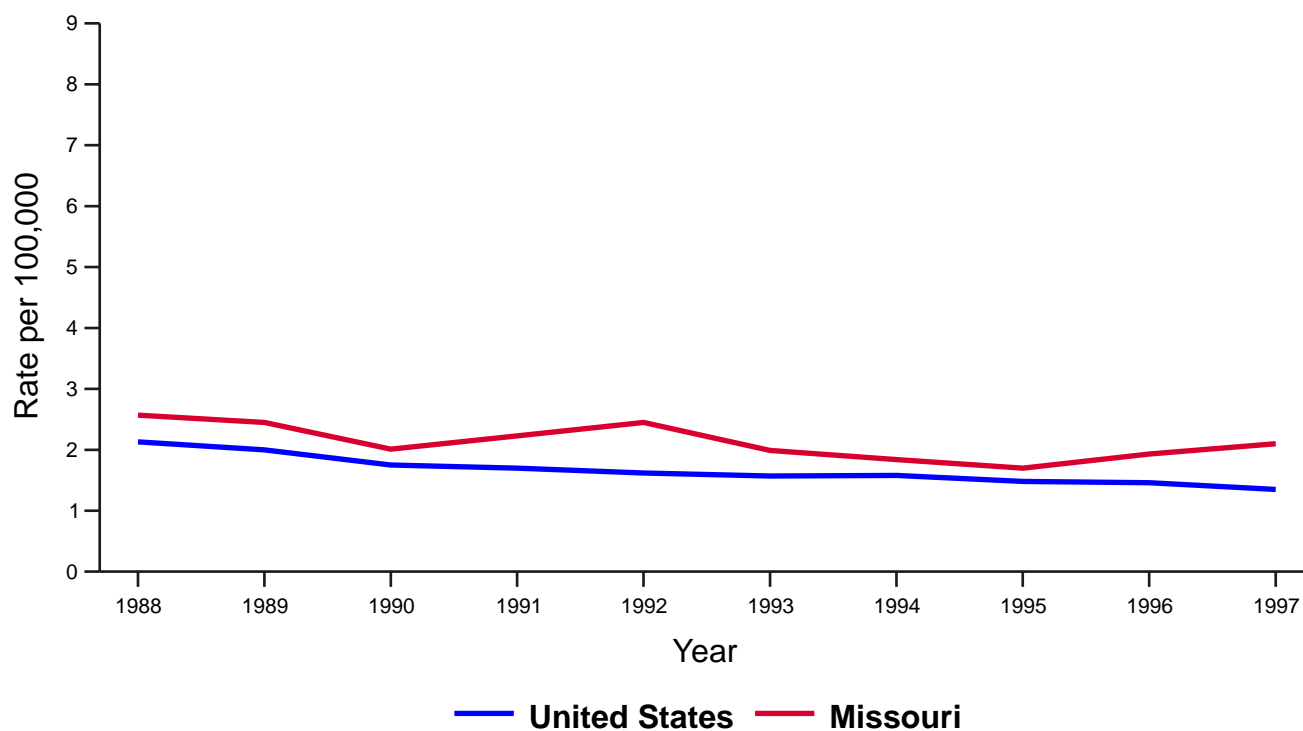
State	Deaths per 100,000 Popul
AK	6.67
HI	2.99
WA	2.03
OR	2.19
MT	2.49
ND	2.55
SD	2.52
WY	1.90
NE	1.87
DE	1.21
MD	0.96
DC	1.68
VT	1.12
MA	0.90
RI	1.25
CT	1.01
NJ	0.79
PA	0.88
NY	0.74
CT	1.01
NJ	0.79
DE	1.21
MD	0.96
DC	1.68
VA	1.61
NC	1.65
SC	2.22
GA	1.76
FL	2.56
LA	2.98
MS	2.74
AL	2.18
GA	1.76
NC	1.65
VA	1.61
MD	0.96
DC	1.68
PA	0.88
NY	0.74
CT	1.01
NJ	0.79
DE	1.21
MD	0.96
DC	1.68
VA	1.61
NC	1.65
SC	2.22
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CT	1.01
NJ	0.79
DE	1.21
MD	0.96
DC	1.68
VA	1.61
NC	1.65
SC	2.22
GA	1.76
FL	2.56
LA	2.98
MS	2.74
AL	2.18
GA	1.76
NC	1.65
VA	1.61
MD	0.96
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FL	2.56
LA	2.98
MS	2.74
AL	2.18
GA	1.76
NC	1.65
VA	1.61
MD	0.96
DC	1.68
PA	0.88
NY	0.74
CT	1.01
NJ	0.79
DE	1.21
MD	0.

Year	United States	Missouri
1988	1.95	1.75
1989	1.85	1.65
1990	1.80	1.70
1991	1.75	1.80
1992	1.60	1.35
1993	1.65	1.75
1994	1.50	1.50
1995	1.60	1.55
1996	1.45	2.00
1997	1.50	1.60

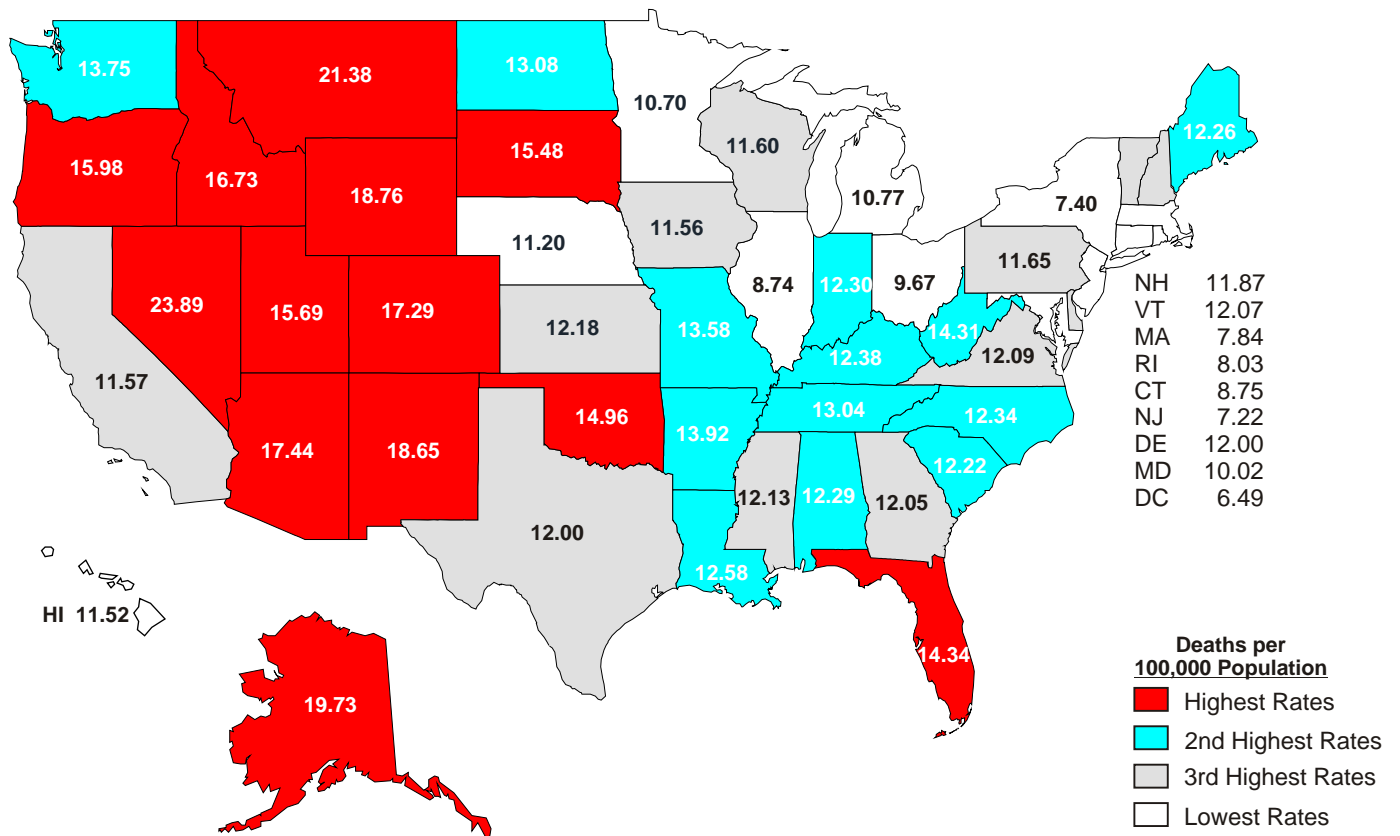
Unintentional Fire and Burn-Related Death Rates United States, 1995-1997



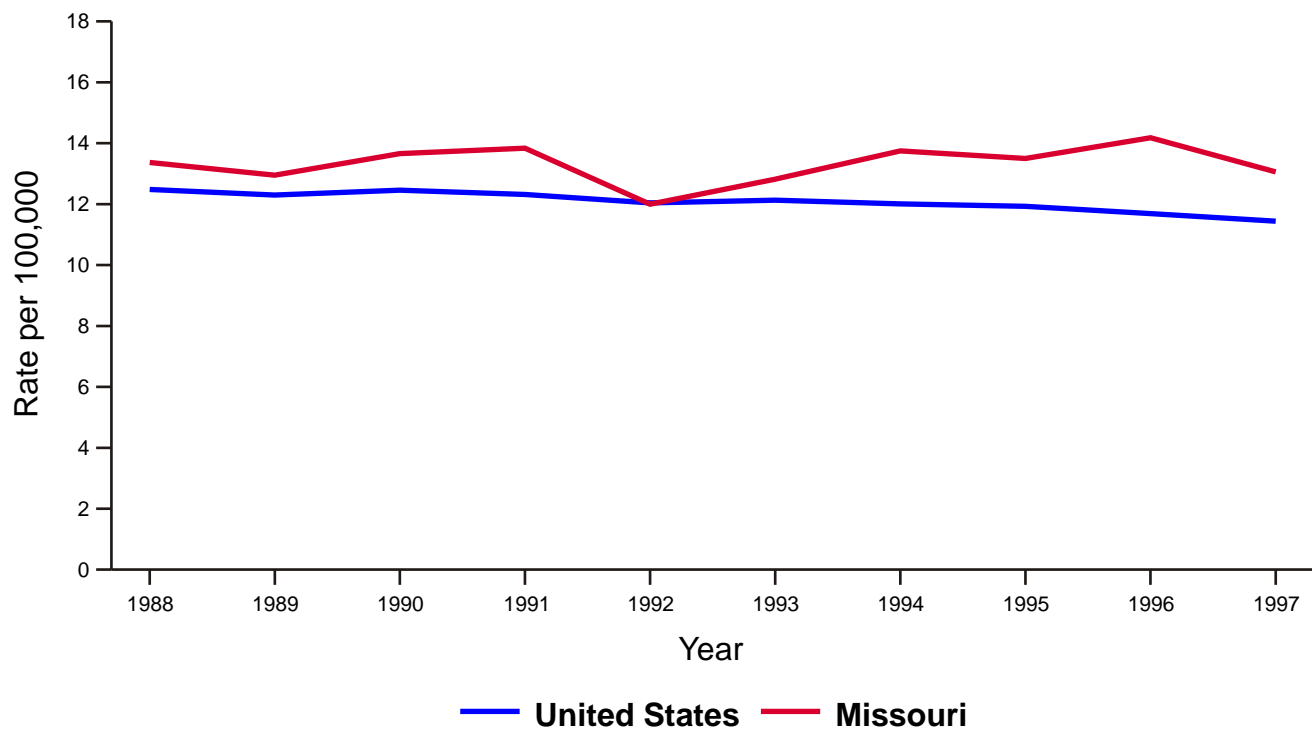
United States and Missouri 1988-1997



Suicide Death Rates United States, 1995-1997



United States and Missouri 1988-1997



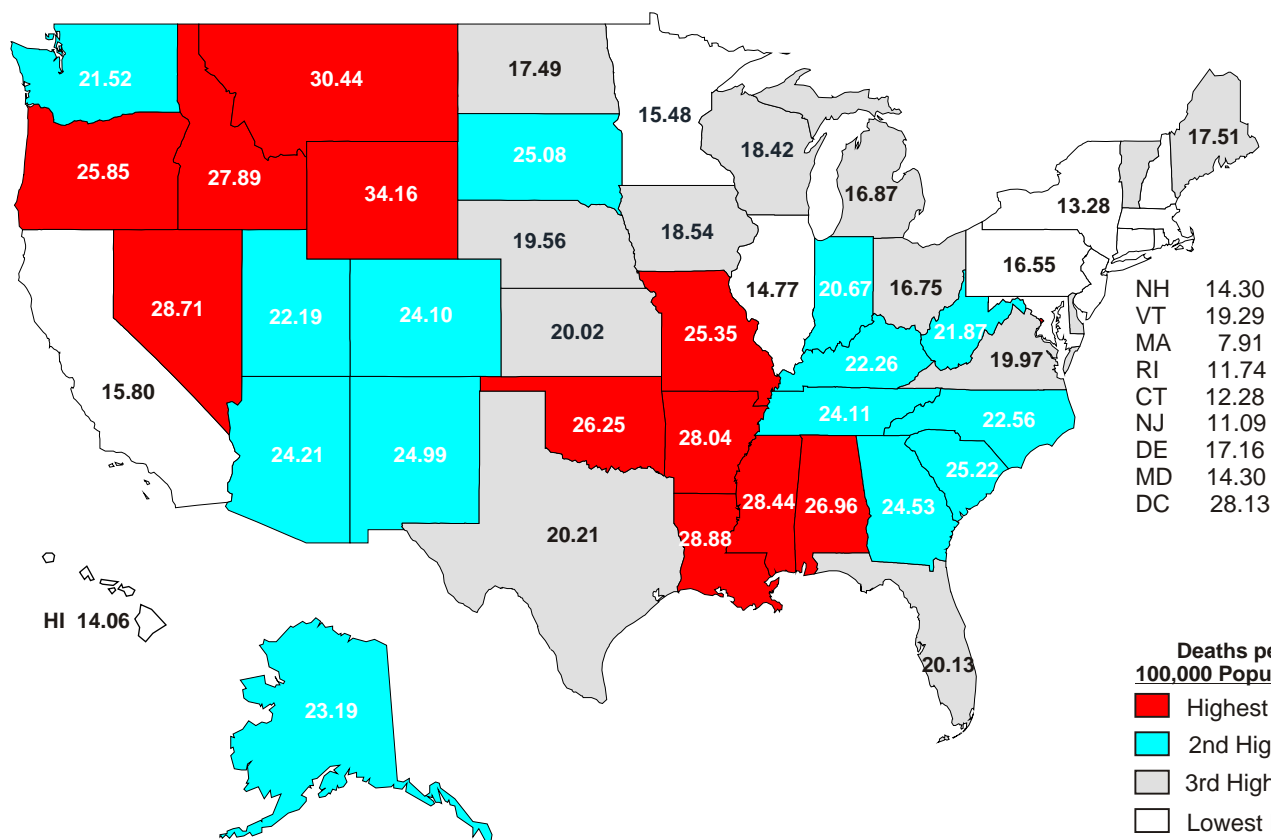
Deaths per 100,000 Pop.

- Highest
- 2nd Highest
- 3rd Highest
- Lowest

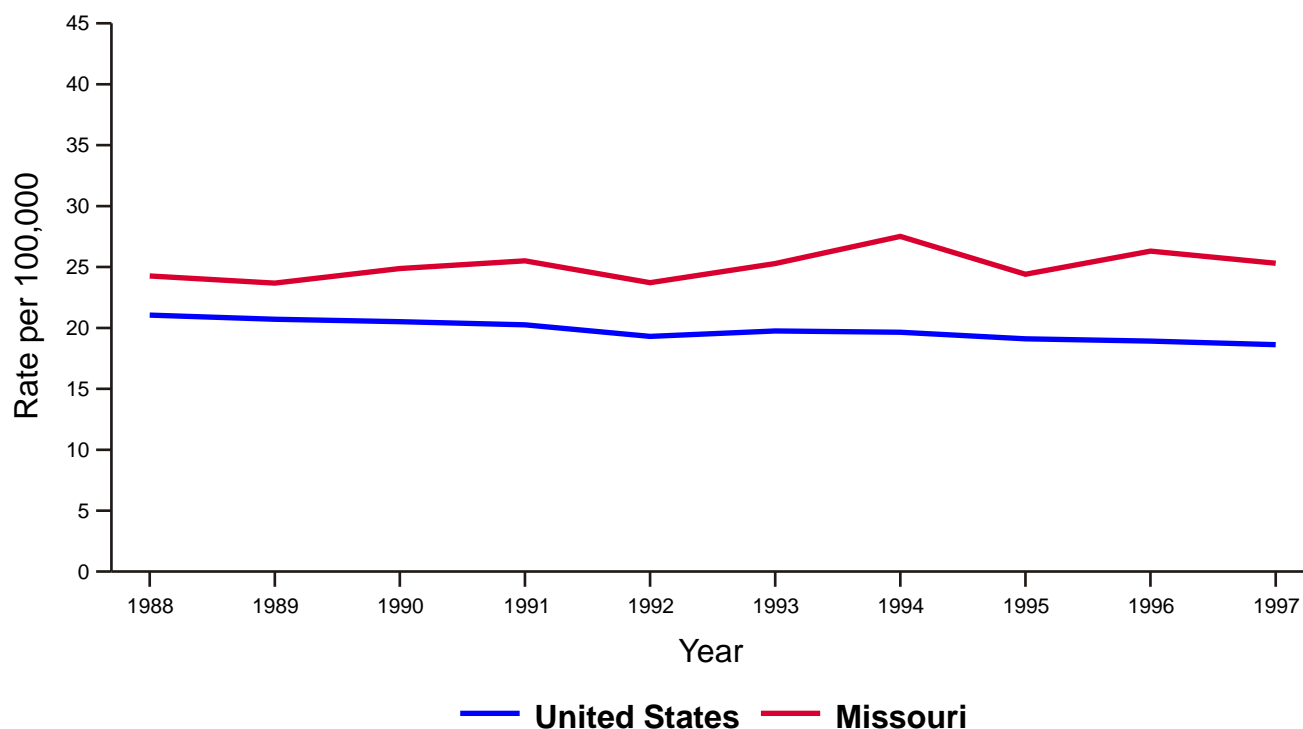
State	Death Rate
CA	11.34
TX	8.17
FL	8.57
AK	8.18
HI	4.10

Year	United States	Missouri
1988	8.5	8.2
1989	8.8	8.6
1990	9.5	9.2
1991	10.0	10.6
1992	9.6	10.7
1993	9.8	11.4
1994	9.3	11.4
1995	8.5	9.0
1996	7.8	8.7
1997	7.3	8.0

Traumatic Brain Injury-Related Death Rates* United States, 1995-1997

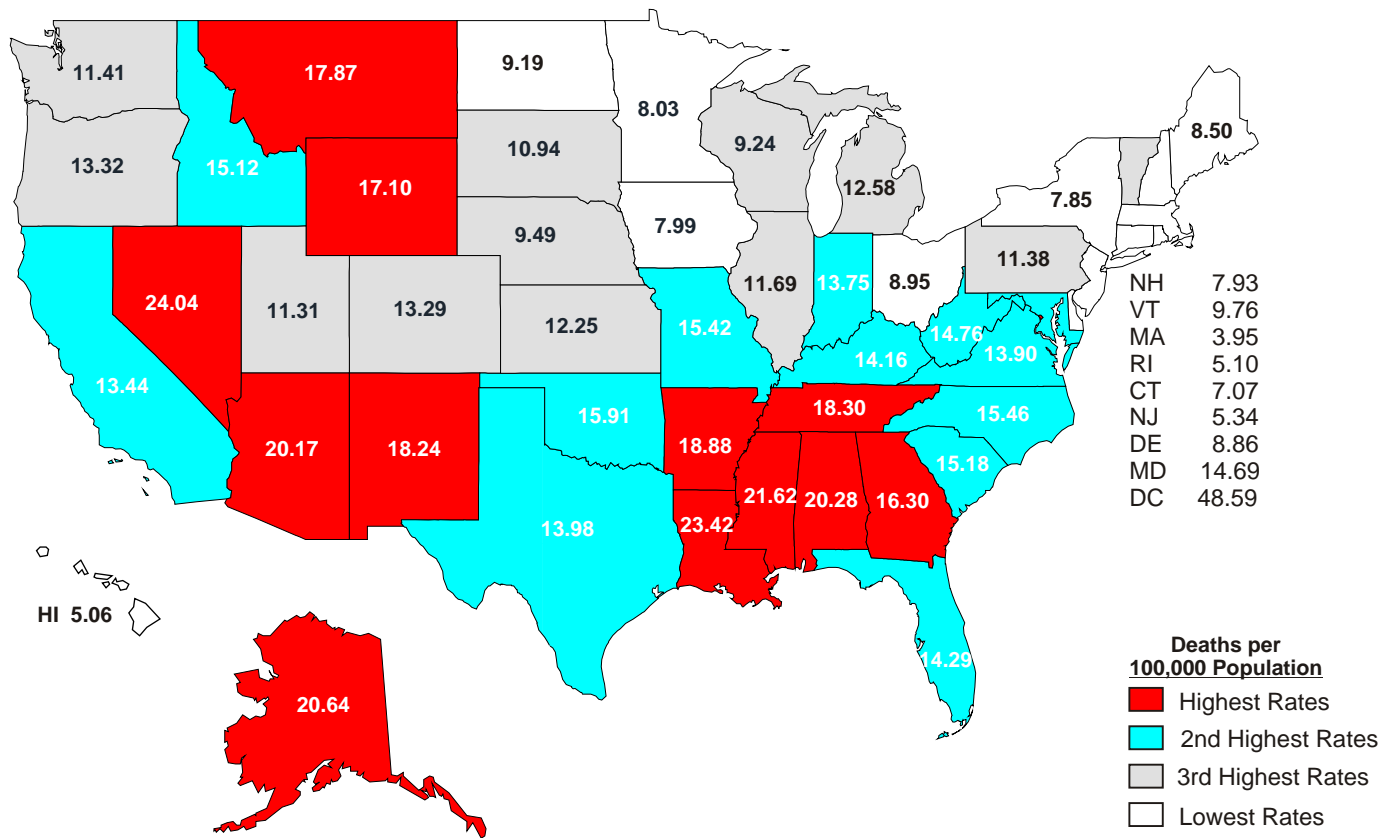


United States and Missouri 1988-1997

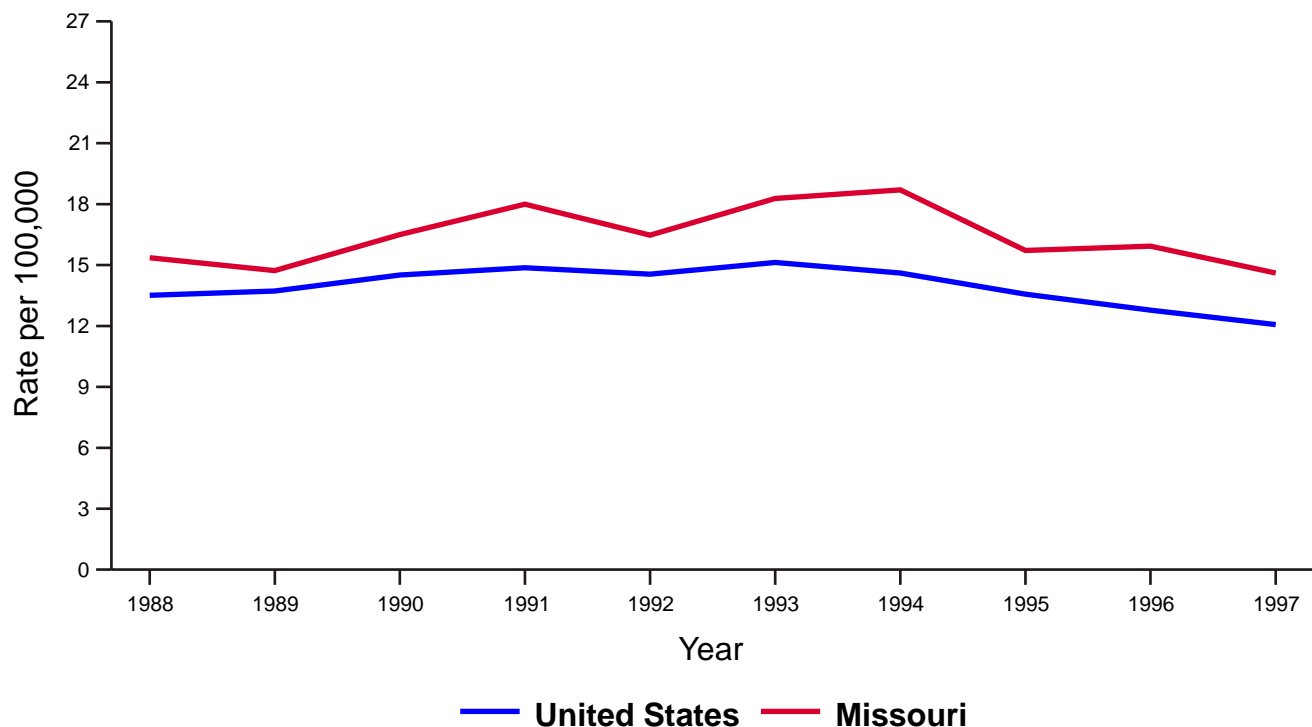


* Includes unintentional and intentional deaths from motor vehicles, firearms, falls, and other causes (of determined and undetermined intent).

Firearm-Related Death Rates* United States, 1995-1997



United States and Missouri 1988-1997



* Includes deaths from firearm suicide, firearm homicide, unintentional firearm-related deaths, and firearm-related deaths of undetermined intent.

MISSOURI INJURY CONTROL PROJECTS

Cooperative Agreements

The National Center for Injury Prevention and Control (NCIPC) currently funds the following work through a cooperative agreement in Missouri:

- Traumatic Brain Injury Surveillance Program: a program to conduct population-based traumatic brain injury (TBI) surveillance to characterize the risk factors, incidence, external causes, severity, and short-term outcomes of TBI. This information will be used to help design prevention programs that address specific causes of TBI, and populations at higher risk. These data may also be used to improve injured persons' access to health care and other services needed after injury.
(*Missouri Department of Health*)

Research Grants

At present, there are no extramural research projects in Missouri funded by the NCIPC.